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NASA SP-7011 (72)

**A CUMULATIVE INDEX
TO
A CONTINUING BIBLIOGRAPHY ON

AEROSPACE MEDICINE
AND BIOLOGY**

**This Cumulative Index supersedes the indexes
contained in supplements [SP-7011 (60)
through SP-7011 (71)] published by NASA
during 1969.**



Scientific and Technical Information Division

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

WASHINGTON, D.C. JANUARY 1970

Introduction

WHAT THIS CUMULATIVE INDEX IS

This publication is a cumulative index to the abstracts contained in NASA SP-7011 (60) through NASA SP-7011 (71) of *Aerospace Medicine and Biology: A Continuing Bibliography*. NASA SP-7011, by means of supplements, serves as a current abstracting and announcement journal for references on bioscience and biotechnology. It has been compiled through the cooperative efforts of the Aerospace Medicine and Biology Bibliography Project of the Library of Congress (LC), the American Institute of Aeronautics and Astronautics (AIAA), and the National Aeronautics and Space Administration (NASA).

Entries prepared by the three contributing organizations are identified as follows:

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2. AIAA entries by their IAA accession numbers (A69-10000 series);
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HOW THIS CUMULATIVE INDEX IS ORGANIZED

This Cumulative Index includes a subject index, a corporate source index, and a personal author index.

HOW TO USE THE SUBJECT INDEX

Two types of cross-references appear in the subject index:

1. Use (U) references indicate that the subject term is not "postable," i.e., not a valid term, and that the following term or terms are used instead. For example:

COLUMBIUM

U NIOBIUM

ANNULAR JETS

U ANNULAR FLOW

U JET FLOW

2. Narrower Term (NT) references indicate that the subject terms following the NT notation represent more specific concepts than the terms used. For example:

EMISSION

NT ELECTRON EMISSION

NT NEUTRON EMISSION

NT THERMAL EMISSION

In addition, a searcher may use the notations of content in the index to narrow further his quest for particular items. This is because subject terms can readily include more than one class of document. For example:

BIOLOGICAL EFFECT

Vibratory force effect upon
biological systems, particularly
human organism.

Biological effect of cosmic and
solar radiations on human
body at high altitudes.

illustrates a case where two references on different topics are listed under the same subject term.

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The corporate source index entries are abridged versions of the corporate sources used in the abstract-section citations in the individual Supplements. The corporate source supplementary (organizational component) does not appear in the index. For example:

NEW MEXICO STATE UNIV., LAS CRUCES. DEPT. OF BIOLOGY
(Corporate source at citation)

NEW MEXICO STATE UNIV., LAS CRUCES.
(Corporate source index entry)

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EMELIANOV, M.D.
and
YEMELYANOV, M.D.

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The abstract and descriptive cataloging for any accession number selected from the indexes may be found in the appropriate Supplement. The *Accession Number Ranges* table showing the ranges of accession numbers (N69-10000, A69-10000, and A69-80000) contained in each Supplement appears on the inside front cover of this index. Once the range of accession numbers containing the selected accession number is found in this table, the desired Supplement number is given in the left-hand column of the table. For example:

N69-33975 was announced in Supplement 69.

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Please refer to the accession number, e.g., A69-13193, when requesting documents. Address all inquiries and requests to:

Technical Information Service
American Institute of Aeronautics and Astronautics, Inc.
750 Third Avenue, New York, N. Y. 10017

For further details please consult the *Introductions to STAR and IAA*, respectively.

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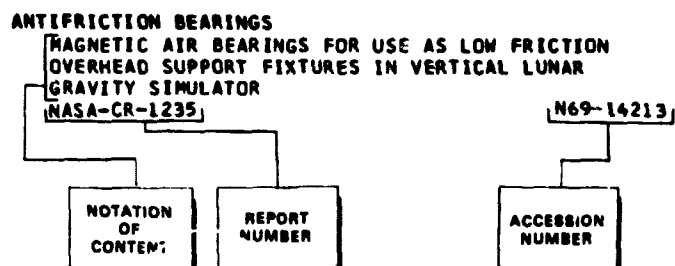
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Typical Subject Index Listing



The Notation of Content (NOC), rather than the title of the document, is used to provide a more exact description of the subject matter. The NASA, AIAA, or LC accession number is included in each entry to assist the user in locating the abstract in the abstract section of an individual issue of *Aerospace Medicine and Biology*; if applicable, a report number is also included as an aid in identifying the document.

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FLOWMETERS

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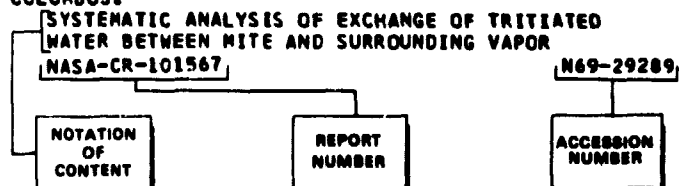
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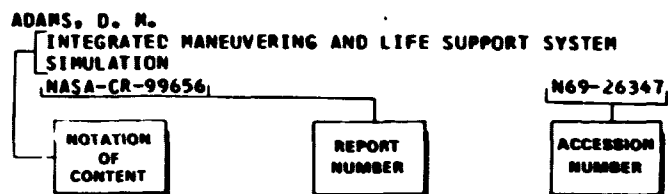
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